

REDERI AB VERITASTANKERS SHIP PARTICULARS					
Ship's Name	M/T ASTREA				
Owner / Manager	REDERI AB VERITAS TANKERS,				
Full Address	Tjärebergsvägen 10, SE-430 82 Donsö, Sweden			SHIP COMMUNICATION DETAIL	
TEL:	+46 31 97 33 50			V-Sat I Phone	+ 46 31 793 88 80
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E-Mail	info@veritastankers.se			e-mail	master@astrea.veritastankers.se
D.P.A & C.S.O	Mats Thorell +46 706 710155				
Official No:	IMO Number	MMSI No:	Call Sign	Nationality	Port of Registry
9488839	9488839	266 466 000	SBDA	SWEDEN	DONSO
Ship Type	IMO TYPE II CHEMICAL TANKER & OIL TANKER				
Ship Builder	Torgem Shipyard, Turkey				
Class Society	BUREAU VERITAS				
Class Notation	I+HULL+MACH OIL; TANKER ESP; CHEMICAL TANKER ESP; UNRESTRICTED NAVIGATION+AUT-UMS,MOON-SHAFT, CLEANSHIP 3, ICE CLASS 1A, INWATERSURVEY, VCS; IG SS				
Delivery Date:			Summer Deadweight		
2010-10-13			11215		
L.O.A	L.B.P	BREADTH	DEPTH	SUMMER DRAFT	
129,50	122,70	19,80	10,40	8,15	
FULL LOADED CONDITION AT SUMMER DRAFT			BALLAST CONDITION		
FREEBOARD		AIR DRAFT		FREEBOARD	
2,26 METERS		27,85 METERS		5,80 METERS	
				32,00 METERS	
GROSS TONNAGE		NET TONNAGE		SUEZ CANAL GRT	
7366 / 6099 (SBT)		3589		8446,69	
				7058,93	
Dist. Man. To . Bow	65,00 m		Lightship parallel body		33,60 m
Dist. Man. To . Accom.	39,00 m		Ballast cond. Parallel body		45,17 m
Dist. Bow. To .Accom.			Summer DWT parallel body		60,12 m
Dist. Acc. To .Stern.			Dist manifold to ship side		4,66 m
FWA & TPC AT SDWT			171 MM / 22,50 mt		
TOTAL 100% AND 98% CAPACITY OF CARGO TANKS			12463 / 12214		
NUMBER OF MANIFOLDS AND SIZE			14 X 6" + 2 X 10" (PORT & STARBOARD)		
NUMBER OF CARGO REDUCERS AND SIZE			DIN: 2X (300 to 25)+3x (250 to 200)+2x (300-150)+ 2x(250-150)+2x(200 to 150)		
ANCHOR CHAIN			Dia:56 mm/Q2a,STBD: 10 Schackles, PORT:9 Schackles		
ANCHOR CHAIN MAX RATE OF HEAVING			LESS THAN 3 MINUTES / 1 SCHACLE (PORT & STBD)		
ANCHOR WEIGHT					
TYPE OF ENGINE			HANSHIN LH46LA		
ENGINE POWER			3309 KW, 4496 BHP, 4 STROKE & 220 rpm		
NUMBER OF D/G AND POWER			3 D/G;482 KW / 1800 rpm & SHAFT GEN.:720 KW-900 RPM		
DIA. OF PROPELLER / PITCH & BOW THRUSTER			1xLB 10 YEARS, 4800mm / CPP & B/T: 487kw		
AUX BOILERS			2 x HTI-THERMAL FLUID HEATER-OIL FIRED		
STEAM BOILER & EXHAUSTGAS ECONOMISER			1 xHTI STEAM BOILER, 11 BAR & 1x HTI EXHAUSTGAS Boiler, 25,4 m2 10BAR		
CARGO & BALLAST PUMPS PARTICULARS					
CARGO & WBT TK	COTs: 1-6+DECK COT/SLOP TK (14 TANKS-FULL MARINELINE COATED) MAX CARGO CARRIAGE TEMP 80C, MAX S.G. OF CGO 1,54 TON/CBM				
CARGO PUMPS	12 Pcs 250 m3/h at 110 MTH. MARFLEX MPDP 100 DEEPWEEL				
SLOP PUMPS	2 PCS * 80 m3/h at 110 MTH. MARFLEX MDPD 80 DEEPWELL				
BALLAST PUMPS	2 PCS * 400 m3/h AT 25 MTH ELECTRICAL DRIVEN CENTRIFUGAL PUMP Allweiler NT159				
CARGO & BALLAST EDUCTOR PARTICULARS					
OIL SPILL PUMP					
W.B. STRIPPING EDUCTOR					
TANK CLEANING HEATER					
TANK WASH HEAT EXCHANGER	1 PCC THERMAL OIL, 35,1 m2 & 2 PCS THERMAL OIL FLUID HEATER-OIL FIRED, FM 44 TO 66 C: 96 hrs (WHILE SEA TEMP 0 & AIR 10 C.				
INERT GAS GENERATOR PLANTS PARTICULARS					
NITROGEN GENERATOR	ETECH PROCESS AS, ENG400 Nitrogen Generator 1250M3/hr				
CRANE'S					
1 x GURDESAN HOSES CRANE (SWL 5 mt)			1 x RESCUE BOAT, LIFE RAFT & PROVISION CRANE (SWL 2,0 mt)		